

RESUME

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Education

University of Massachusetts (Amherst), B.S. (Fisheries Biology), 1971
Michigan State University (East Lansing), M.S. (Fisheries Biology), 1974

Professional Experience (last 10 years)

Research Fisheries Biologist, Acting Division/Branch Chief, and Team Leader

1978-1993--U.S. Fish and Wildlife Service (FWS), Columbia National Fisheries Research Laboratory/National Fisheries Contaminant Research Center, Columbia, MO.

1993-1996--National Biological Survey/Service, Midwest Science Center, Columbia, MO.

1996-present--USGS/BRD/CERC, Columbia, MO.

Professional Memberships

Society of Environmental Toxicology and Chemistry, American Fisheries Society, Ecological Society of America, American Water Resources Association, Sigma Xi.

Selected Publications (from last 5 years)

- Schmitt, C.J. 1999. Environmental contaminants. in M.J. Mac, P.A. Opler, P.D. Doran, and C.E. Puckett Haecker eds. *Status and trends of the Nation's living resources*. Volume 1. Pp. 131-166. U.S. Department of the Interior, National Biological Service. Washington, D.C.
- Schmitt, C.J., M.L. Wildhaber, J.B. Hunn, T. Nash, M.N. Tieger, and B.L. Steadman. 1993. Biomonitoring of lead-contaminated Missouri streams with and assay for erythrocyte δ -aminolevulinic acid dehydratase (ALA-D) activity in fish blood. *Arch. Environ. Contam. Toxicol.* 25:464-475.
- Schmitt, C.J., and C.M. Bunck. 1995. Persistent environmental contaminants in fish and wildlife. Pp. 413-416 in *Our living resources. A report to the Nation on the distribution, abundance, and health of U.S. plants, animals, and ecosystems*. U.S. Department of the Interior, National Biological Service. Washington, D.C.
- Ellis, G.S., J.N. Huckins, C.E. Rostad, C.J. Schmitt, J.D. Petty, and P. McCarthy. 1995. Evaluation of lipid-containing semipermeable membrane devices and gas chromatography-negative chemical ionization-mass spectrometry for monitoring organochlorine chemical residues in large rivers. *Environ. Toxicol. Chem.* 14:1875-1884.
- May, T.W., R.H. Wiedemeyer, W.G. Brumbaugh, and C.J. Schmitt. 1997. The determination of metals in sediment porewaters and in 1N HCl-extracted sediments by ICP-MS. *Atom. Spectr.* 18:133-139.
- Wildhaber, M.L., and C.J. Schmitt. 1996. Estimating aquatic toxicity as determined through laboratory tests of Great Lakes sediments containing complex mixtures of environmental contaminants. *Environ. Monit. Assess.* 41:255-289.
- Wildhaber, M.L., and C.J. Schmitt. 1996. Hazard ranking of contaminated sediments based on chemical analysis, laboratory toxicity tests, and benthic community composition: prioritizing sites for remedial action. *J. Great Lakes Res.* 22:639-652.
- Wildhaber, M.L., and C.J. Schmitt. 1998. Indices of benthic community tolerance in contaminated Great Lakes sediments: Relations with sediment contaminant concentrations, sediment toxicity, and the sediment quality triad. *Environ. Monit. Assess.* 49:23-49.
- Wilkinson, C., D. Edds, J. Dorlac, M.L. Wildhaber, C.J. Schmitt, and A.L. Allert. 1996. Neosho madtom distribution and abundance in the Spring River. *The Southwest. Natur.* 41:78-81.